

1 We Claim:  
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3 1. A pharmaceutical solution comprising Ivermectin, ethyl alcohol, and  
4 polysorbate 80, without benzyl alcohol, N-methylpyrrolidone or 2-pyrrolodone for the  
5 treatment of a broad spectrum of infestations caused by a parasite.  
6

7 2. The pharmaceutical solution of claim 1, wherein the solution is applied  
8 topically.  
9

10 3. The pharmaceutical solution of claim 1, wherein the solution further  
11 comprises water or an organic solvent.  
12

13 4. The pharmaceutical solution of claim 1, wherein the solution further  
14 comprises a flavoring agent.  
15

16 5. The pharmaceutical solution of claim 1, wherein said solution is a water based  
17 solution.  
18

19 6. The pharmaceutical solution comprising Ivermectin, isopropyl alcohol, and  
20 polysorbate 80, without benzyl alcohol, N-methylpyrrolidone or 2-pyrrolodone for the  
21 treatment of a broad spectrum of infestations caused by a parasite.  
22

23 7. The pharmaceutical solution of claim 6, wherein the solution is applied  
24 topically.  
25

26 8. The pharmaceutical solution of claim 6, wherein the solution further  
27 comprises water or an organic solvent.  
28

29 9. The pharmaceutical solution of claim 6, wherein the solution further  
30 comprises a flavoring agent.  
31

- 1 10. The pharmaceutical solution of claim 6, wherein said solution is a water based  
2 solution.  
3
- 4 11. A pharmaceutical solution comprising comprising Ivermectin, without benzyl  
5 alcohol, N-methylpyrrolidone or 2-pyrrolodone, in an amount of .1-10% by weight of  
6 the solution, mixed with a solution of 50% propylene glycol and 50% polysorbate 80  
7 by volume, for the treatment of infestations caused by a parasite.  
8
- 9 12. The pharmaceutical solution of claim 11, wherein the solution is applied  
10 topically.  
11
- 12 13. The pharmaceutical solution of claim 11, wherein the solution further  
13 comprises water or an organic solvent.  
14
- 15 14. The pharmaceutical solution of claim 11, wherein the solution further  
16 comprises a flavoring agent.  
17
- 18 15. The pharmaceutical solution of claim 11, wherein said solution is a water  
19 based solution.  
20
- 21 16. A method for preparing a stable, palatable form of Ivermectin comprising the  
22 following steps:  
23
- 24 a. adding Ivermectin to the propylene glycol to form a mixture;  
25 b. adding Tween 80 as a coupling agent to said mixture; and  
26 c. stirring for 12 to 24 hours.  
27
- 28 17. A method as in claim 16 with the additional steps of:  
29
- 30 d. adding a flavoring agent; and  
31 e. mixing for 1 hour.  
32

- 1 18. The flavoring agent of claim 16, wherein said flavoring agent is selected from
- 2 the group consisting of cyclohexyl-sulfamic acid, saccharin (o-benzosulfimide),
- 3 Aspartame (i.e., L-Aspartyl-L-phenylalanine methyl ester), and sugar.